

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		09637923
	Filing Date		2000-06-14
	First Named Inventor	Robert B. Spertell	
	Art Unit	3742	
	Examiner Name	Daniel Leon Robinson	
Attorney Docket Number		13406-017USD1	

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	1	2407690		1946-09-17	Southworth	
	2	4378806		1983-04-05	Henley-Cohn	
	3	5979454		1999-11-09	Anvari et al.	
	4	6171301		2001-01-09	Nelson et al.	
	5	5143063		1992-09-01	Fellner	
	6	5226907		1993-07-13	Tankovich	
	7	5234004		1993-08-10	Hascoet et al.	
	8	5660836		1997-08-26	Knowlton	

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9	5919219	1999-07-06	Knowlton	
10	6245062	2001-06-12	Berube et al.	
11	6290699	2001-09-18	Hall et al.	
12	6312427	2001-11-06	Berube et al.	
13	6334074	2001-12-25	Spertell	
14	6364876	2002-04-02	Erb et al.	
15	6383182	2002-05-07	Berube et al.	
16	6413255	2002-07-02	Stern	
17	6470216	2002-10-22	Knowlton	
18	6471696	2002-10-29	Berube et al.	
19	6577903	2003-06-10	Cronin et al.	

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20	6652518	2003-11-25	Wellman et al.
21	6725095	2004-04-20	Fenn et al.
22	6743222	2004-06-01	Durkin et al.
23	6878147	2005-04-12	Prakash et al.
24	6887238	2005-05-03	Jahns et al.
25	6887260	2005-05-03	McDaniel, D.
26	7004942	2006-02-28	Laird et al.
27	7022121	2006-04-04	Stern et al.
28	7052491	2006-05-30	Erb et al.
29	7115126	2006-10-03	Berube et al.
30	7118590	2006-10-10	Cronin, N.

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31	7128739	2006-10-31	Prakash et al.	
32	7141049	2006-11-28	Stern et al.	
33	7192429	2007-03-20	Tremblay	
34	7250047	2007-07-31	Anderson et al.	
35	7276058	2007-10-02	Altshuler et al.	
36	7387627	2008-06-17	Erb et al.	
37	6208903	2001-03-27	Richards et al.	
38	4140130	1979-02-20	Storm	
39	7278991	2007-10-09	Morris et al.	
40	6277104	2001-08-21	Lasko et al.	
41	6457476	2002-10-01	Elmer et al.	

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42	5097846	1992-03-24	Larsen	
43	6425912	2002-07-30	Knowlton	
44	6208903	2001-03-27	Richards et al.	

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	1	20030130575		2003-07-10	Desai, A.	
	2	20030130711		2003-07-10	Pearson, R.	
	3	20040143250		2004-07-22	Trembly	
	4	20020062124		2002-05-23	Keane, D.	
	5	20020156471		2002-10-24	Stern et al.	
	6	20020165529		2002-11-07	Danek, C.	

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7	20020193851	2002-12-19	Silverman et al.	
8	20030004082	2003-01-02	Masschelein et al.	
9	20030006811	2003-03-27	McDaniel	
10	20030158566	2003-08-21	Brett, D.	
11	20040034346	2004-02-19	Stern et al.	
12	20040073079	2004-04-15	Altshuler et al.	
13	20040186535	2004-09-23	Knowlton, E.	
14	20040206365	2004-10-21	Knowlton, E.	
15	20040210214	2004-10-21	Knowlton, E.	
16	20040230260	2004-11-18	MacFarland et al.	
17	20040243182	2004-12-02	Cohen et al.	

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18	20040249426	2004-12-09	Hoenig et al.	
19	20050137654	2005-06-23	Hoenig et al.	
20	20050215987	2005-09-29	Siatkine, M.	
21	20050251120	2005-11-10	Anderson et al.	
22	20060020309	2006-01-26	Altshuler et al.	
23	20060036300	2006-02-16	Kreindel, M.	
24	20060111744	2006-05-25	Makin et al.	
25	20060129209	2006-06-15	McDaniel, D.	
26	20060151485	2006-07-13	Cronin, N.	
27	20060161228	2006-07-20	Lach, E.	
28	20060167498	2006-07-27	DiLorenzo, D.	

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29	20060184205	2006-08-17	Schuler et al.	
30	20060200213	2006-09-07	McDaniel, D.	
31	20060259102	2006-11-16	Siatkine, M.	
32	20060265034	2006-11-23	Aknine et al.	
33	20060271028	2006-11-30	Altshuler et al.	
34	20060276860	2006-12-07	Ferren et al.	
35	20070010811	2007-01-11	Stern et al.	
36	20070016032	2007-01-18	Aknine, G.	
37	20070020355	2007-01-25	Schlebusch et al.	
38	20070049918	2007-03-01	Van der Weide et al.	
39	20070060989	2007-03-15	Deem et al.	

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40	20070078290	2007-04-05	Esenaliev, R.	
41	20070078502	2007-04-05	Weber et al.	
42	20070179535	2007-08-02	Morrissey et al.	
43	20070233226	2007-10-04	Kochamba et al.	
44	20070255362	2007-11-01	Levinson et al.	
45	20070270925	2007-11-22	Levinson, M.	
46	20080077201	2008-03-27	Levinson et al.	
47	20080077202	2008-03-27	Levinson, M.	
48	20080077211	2008-03-27	Levinson et al.	
49	20080269851	2008-10-30	Deem et al.	
50	20050251117	2005-11-10	Anderson et al.	

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51	20040049251	2004-03-11	Knowlton	
52	20070179482	2007-08-02	Anderson	
53	20040243200	2004-12-02	Turner et al.	
54	20010050083	2001-12-13	Marchitto et al.	
55	20070255355	2007-11-01	Altshuler et al.	
56	20060112698	2006-06-01	Cazzini et al.	

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FOREIGN PATENT DOCUMENTS

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	1	EP 0 139 607			1985-05-02	Yerushalmi		<input type="checkbox"/>

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1	"Aesthera US - How it Works," http://www.aesthera.com/go/aestheraUS/patients/how_it_works/index.cfm , accessed July 8, 2008.	<input type="checkbox"/>
2	BEER et al., "Immunohistochemical Differentiation and Localization Analysis of Sweat Glands in the Adult Human Axilla," Plastic and Reconstructive Surgery, Vol. 117, No. 6, pp. 2043-2049, May 2006.	<input type="checkbox"/>
3	BRACE et al., "Microwave Ablation with a Triaxial Antenna: Results in ex vivo Bovine Liver," IEEE transactions on Microwave Theory and Techniques, Vol. 53, No. 1, pp. 215-220 (January 2005).	<input type="checkbox"/>
4	CHRIST et al., "Characterization of the Electromagnetic Near-Field Absorption in Layered Biological Tissue in the Frequency Range from 30 MHz to 6000 MHz," Phys. Med. Biol. 51, pp. 4951-4965.	<input type="checkbox"/>
5	CHRIST et al., "The Dependence of Electromagnetic Far-Field Absorption on Body Tissue Composition in the Frequency Range from 300 MHz to 6 GHz," IEEE Transactions on Microwave Theory and Techniques, Vol. 54, No. 5, pp. 2188-2195 (May 2006).	<input type="checkbox"/>
6	"Cool-tip™ RF Ablation System Technology," http://www.cool-tiprf.com/physics.html , accessed June 24, 2008.	<input type="checkbox"/>
7	COPTY et al., "Low-power near-field microwave applicator for localized heating of soft matter," Applied Physics Letters, Vol. 84, No. 25, pp. 5109-5111 (June 21, 2004).	<input type="checkbox"/>
8	DE BRUIJNE et al., "Effects of waterbolus size, shape and configuration on the SAR distribution pattern of the Lucite cone applicator," International Journal of Hyperthermia, 22(1): 15-28 (February 2006).	<input type="checkbox"/>
9	DROZD, Brian and JOINES, William T., "Comparison of Coaxial Dipole Antennas for Applications in the Near-Field and Far-Field Regions," MW Journal, Vol. 47, No. 5 (May 2004), http://www.mwjjournal.com/Journal , accessed December 10, 2007.	<input type="checkbox"/>
10	GOLD, Michael H., M.D., and GOLDMAN, Mitchel P., M.D., "Treatment of Wrinkles and Skin Tightening Using Aluma™ Skin Renewal System with FACES™(Functional Aspiration Controlled Electrothermal Stimulation) Technology," Lumens, Inc. (October 2005).	<input type="checkbox"/>
11	HU, Da Zhang, "Electromagnetic Field in Organism of Skin-Fat-Muscle," China Research Institute of Radiowave Propagation IEEE, pp. 807-812 (1998).	<input type="checkbox"/>

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12	KAWOOS et al., "Issues in Wireless Intracranial Pressure Monitoring at Microwave Frequencies," PIERs Online, Vol. 3, No. 6, pp. 927-931 (2007).	<input type="checkbox"/>
13	LANE et al., "Pressure-Induced Bullae and Sweat Gland Necrosis Following Chemotherapy Induction," The American Journal of Medicine, Vol. 117, pp. 441-443 (September 15, 2004).	<input type="checkbox"/>
14	LAWRENCE et al., "Selective Sweat Gland Removal with Minimal Skin Excision in the Treatment of Axillary Hyperhidrosis: A Retrospective Clinical and Histological Review of 15 Patients," British Journal of Dermatology, British Association of Dermatologists, 115, pp. 115-118 (2006).	<input type="checkbox"/>
15	LOWE et al., "Microwave delivery system for lower leg telangiectasia," Journal of Cutaneous Laser Therapy, 2, pp. 3-7 (2000).	<input type="checkbox"/>
16	"Microwave Ablation of Healthcare Professionals," http://www.acculis.com/mta , accessed June 24, 2008.	<input type="checkbox"/>
17	PARK et al., "A Comparative Study of the Surgical Treatment of Axillary Osmidrosis by Instrument, Manual, and Combined Subcutaneous Shaving Procedures," pp. 488-497 (1998).	<input type="checkbox"/>
18	PAULIDES et al., "A Patch Antenna Design for Application in a Phased-Array Head and Neck Hyperthermia Applicator," IEEE Transactions on Biomedical Engineering, Vol. 54, Issue 11, pp. 2057-2063 (November 2007).	<input type="checkbox"/>
19	RAPPAPORT, C., "Treating Cardiac Disease with Catheter-Based Tissue Heating," IEEE Microwave Magazine, pp. 57-64 (March 2002).	<input type="checkbox"/>
20	SHERAR et al., "Helical antenna arrays for interstitial microwave thermal therapy for prostate cancer: tissue phantom testing and simulations for treatment," Physics in Medicine and Biology, 46, pp. 1905-1918 (2001).	<input type="checkbox"/>
21	STAUFFER, Paul R., "Evolving technology for thermal therapy of cancer," International Journal of Hyperthermia, Vol. 21, No. 8, pp. 731-744 (December 2005).	<input type="checkbox"/>
22	STAUFFER, Paul R., "Thermal Therapy Techniques for Skin and Superficial Tissue Disease," Critical Reviews, Vol. CR75, pp. 327-367 (2000).	<input type="checkbox"/>

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23	STERZER, Fred, "Microwave Medical Devices," IEEE Microwave Magazine, pp. 65-70 (March 2002).	<input type="checkbox"/>
24	"Study Published in Facial Plastic Surgery Journal Finds Selective Heating of Fibrous Septae Key to Success and Safety of Thermoage® ThermoCool™ System," www.thermage.com.	<input type="checkbox"/>
25	YANG et al., "A Floating Sleeve Antenna Yields Localized Hepatic Microwave Ablation," IEEE Transactions on Biomedical Engineering, Vol. 53, No. 3, pp. 533-537 (March 2006).	<input type="checkbox"/>
26	PCT International Search Report for related PCT/US2008/060929 filed April 18, 2008 entitled "Methods, Devices, and Systems for Non-Invasive Delivery of Microwave Therapy," DEEM et al.	<input type="checkbox"/>
27	PCT International Search Report for related PCT/US2008/060940 filed April 18, 2008 entitled "Systems and Methods for Creating an Effect using Microwave Energy to Specified Tissue," DEEM et al.	<input type="checkbox"/>
28	PCT International Search Report for related PCT/US2008/060935 filed April 18, 2008 entitled "Methods and Apparatus for Reducing Sweat Production," DEEM et al.	<input type="checkbox"/>
29	PCT International Search Report for related PCT/US2008/060922 filed April 18, 2008 entitled "Systems and Methods for Creating an Effect using Microwave Energy to Specified Tissue," DEEM et al.	<input type="checkbox"/>
30	HEY-SHIPTON, et al., "The Complex Permittivity of Human Tissue at Microwave Frequencies," Phys. Med. Biol., 1982, Vol. 27, No. 8, pp. 1067-1071.	<input type="checkbox"/>
31	GABRIEL, et al., "Comparison of the Dielectric Properties of Normal and Wounded Human Skin Material," Bioelectromagnetics 8:23-27 (1987).	<input type="checkbox"/>
32	Lehmann, J. & De Lateur, B., "Therapeutic Heat," Therapeutic Heat and Cold Fourth Edition edited by Justin Lehmann M.D. (Ed.), Chapter 9, pp. 417-581, Williams & Wilkins Publishers, Baltimore, MD (1990).	<input type="checkbox"/>
33	Shimm, D. & Gerner, E., "Hyperthermia in the Treatment of Malignancies," Therapeutic Heat and Cold Fourth Edition edited by Justin Lehmann M.D. (Ed.), Chapter 14, pp. 674-699, Williams & Wilkins Publishers, Baltimore, MD (1990).	<input type="checkbox"/>

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34	PCT International Search Report for related PCT/US2010/025124, filed February 23, 2010 entitled "Tissue Interface System and Method," Miramar Labs, Inc.	<input type="checkbox"/>
35	PCT International Search Report for related PCT/US2008/13650, filed December 12, 2008 entitled "Systems, Apparatus, Methods and Procedures for the Noninvasive Treatment of Tissue Using Microwave Energy," Miramar Labs, Inc.	<input type="checkbox"/>
36	PCT International Search Report for related PCT/US2009/02403, filed April 17, 2009 entitled "Systems, Apparatus, Methods & Procedures for the Noninvasive Treatment of Tissue Using Microwave Energy," Miramar Labs, Inc.	<input type="checkbox"/>
37	PCT International Search Report for related PCT/US2009/05772, filed October 22, 2009 entitled "Systems, Apparatus, Methods and Procedures for the Non-Invasive Treatment of Tissue Using Microwave Energy," Miramar Labs, Inc.	<input type="checkbox"/>

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